FS 2.60/9:10/20

Morbidity and Mortality Weekly Report

PUBLIC HEALTH SERVICE
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the COMMUNICABLE DISEASE CENTER MElrose 4-5131

For release May 26, 1961 | Atlanta 22, Georgia | Vol. 10, No. 20

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended May 20, 1961

Hepatitis – The current total of 1,535 cases is only slightly below the 1,562 reported one week ago. The moderate decline noted last week from last winter's and early spring's high plateau of 1,700 cases or over appears to be continuing (see graph, page 2). A tabulation of hepatitis cases reported by age appears on page 8. States and areas with an adult concentration include Maine, Massachusetts, Rhode Island, Upstate New York, New York City, New Jersey, Florida and Washington.

Poliomyelitis – A total of 14 cases, 8 paralytic, was reported during the current week. Two States reported more than one case, Texas with 6, 4 paralytic, 2 of which live in San Antonio, and Washington with 3, all unspecified. This week's cases brings the total in 1961 through May 20 to 162 cases, 102 paralytic, the lowest figures in recent years as shown in the table below.

Polio (cumulated weekly) Through the 20th Week for the Past 5 Years

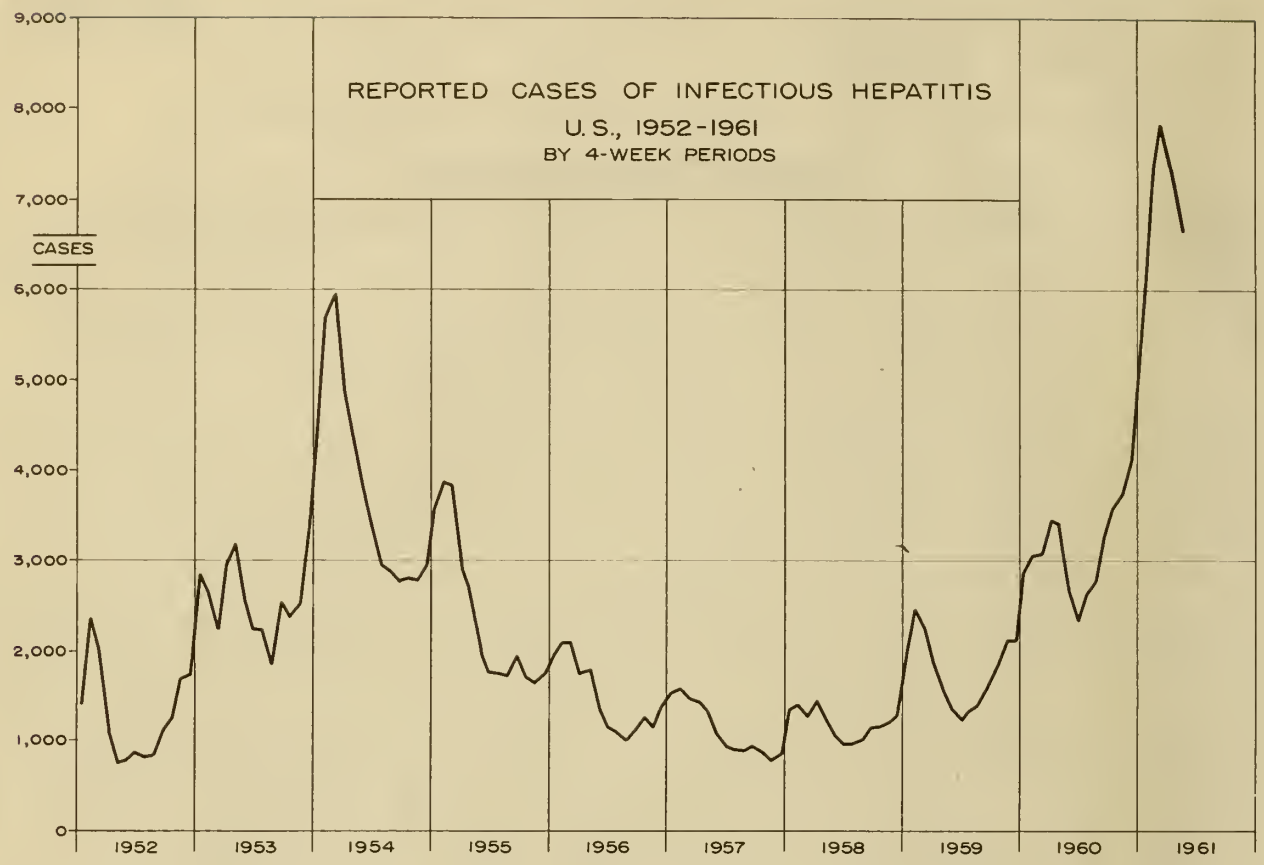
	1961	1960	1959	1958	1957
Paralytic	102	215	337	184	416
Total	162	299	483	345	849

Table I. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports through previous week)

Disease (Seventh Revision of International Lists, 1955)	20th Week			Cumulative						Approximate seasonal low point
				First 20 weeks			Since seasonal low week			
* Weekly incidence low or sporadic --- Data not available - Quantity zero	Ended May 20, 1961	Ended May 21, 1960	Median 1956-60	1961	1960	Median 1956-60	1960-61	1959-60	Median 1955-56 to 1959-60	
Anthrax-----062	-	-	*	2	10	*	*	*	*	*
Botulism-----049.1	-	-	*	4	3	*	*	*	*	*
Brucellosis (undulant fever)-----044	13	19	19	213	332	327	*	*	*	*
Diphtheria-----055	4	6	11	268	296	340	848	832	1,041	July 1
Encephalitis, infectious-----082	31	38	28	553	568	527	553	568	527	Jan. 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,535	930	335	35,334	15,773	9,649	50,541	23,583	14,989	Sept. 1
Malaria-----110-117	3	-	*	17	20	*	*	*	*	*
Measles-----085	17,162	19,186	20,652	275,203	286,385	331,381	311,413	321,344	368,050	Sept. 1
Meningitis, aseptic-----340 pt.	21	29	---	485	560	---	485	560	---	Jan. 1
Meningococcal infections-----057	38	50	59	990	1,036	1,127	1,646	1,755	1,915	Sept. 1
Poliomyelitis-----080	14	18	38	162	299	479	59	83	186	Apr. 1
Paralytic-----080.0,080.1	8	14	28	102	215	333	42	61	125	Apr. 1
Nonparalytic-----080.2	2	2	7	32	52	89	7	16	41	Apr. 1
Unspecified-----080.3	4	2	3	28	32	57	10	6	20	Apr. 1
Psittacosis-----096.2	2	1	*	22	36	*	*	*	*	*
Rabies in man-----094	-	-	*	2	-	*	*	*	*	*
Streptococcal sore throat, including scarlet fever-----050,051	5,977	6,821	---	179,578	165,614	---	277,230	---	---	Aug. 1
Typhoid fever-----040	16	14	15	208	202	275	94	76	95	Apr. 1
Typhus fever, endemic-----101	1	1	*	11	15	*	*	*	*	*
Rabies in animals	68	57	73	1,431	1,648	1,975	2,007	2,628	2,757	Oct. 1

STATE OF FLORIDA LIBRARIES JUN 1961



The graph shows reported hepatitis cases in the United States by four-week periods since 1952. The recent period ending May 20, continues the downward trend noted in Vol. 10, No. 16. The 1961 cumulative total for the 20th week is 35,334 cases, representing a 124 percent increase over the 15,773 cases reported during the comparable period one year ago.

EPIDEMIOLOGICAL REPORT

Hepatitis Possibly Transmitted by Chimpanzees – Florida

Between March 28 and April 9, infectious hepatitis occurred in eight adults ranging in age from 19 to 34 years who worked at or associated with a biological laboratory. The temporal distribution, age grouping, and failure of any to have known contact with a previous case of hepatitis strongly suggested that the outbreak was the result of common source transmission. An intensive search ruled out water, milk, food, including shellfish, and parenteral injections as a source of transmission.

All of the cases did have contact with a group of new, infant chimpanzees delivered from Liberia on March 2. These animals were controls in a study and had very close contact with eight women who were assigned to play and socialize with them on a daily basis. Five of these eight developed hepatitis. The director of the project and his assistant who had casual contact with the chimpanzees also developed hepatitis a month after they arrived. One additional case occurred in a university student who visited the laboratory on March 10 and handled the chimpanzees. She developed clinical hepatitis with jaundice 23 days later.

Due to the history of association with animals, a serious attempt has been made to rule out other causes of jaundice which occur in epidemic form. Studies including leptospirosis and heterophile agglutination tests have to date been negative.

(Submitted by Dr. James O. Bond, Director, Bureau of Preventable Diseases, Florida State Board of Health. Principal investigators were Drs. James F. Molloy and William Hubbert).

(Continued on page 8)

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED MAY 21, 1960 AND MAY 20, 1961

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Poliomyelitis 080										Meningitis, aseptic	Brucellosis (undulant fever)
	Total (Includes cases not specified by type)				Paralytic 080.0,080.1				Nonparalytic			
	20th Week		Cumulative, first 20 weeks		20th Week		Cumulative, first 20 weeks		080.2		340 pt.	044
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1961
UNITED STATES	14	18	162	299	8	14	102	215	2	2	21	13
NEW ENGLAND	-	1	3	10	-	1	3	10	-	-	-	-
Maine	-	-	-	5	-	-	-	5	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	1	2	5	-	1	2	5	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut	-	-	1	-	-	-	1	-	-	-	-	-
MIDDLE ATLANTIC	1	1	15	41	1	1	12	29	-	-	1	-
New York	1	1	6	33	1	1	5	22	-	-	-	-
New Jersey	-	-	5	6	-	-	4	6	-	-	1	-
Pennsylvania	-	-	4	2	-	-	3	1	-	-	-	-
EAST NORTH CENTRAL	-	-	21	39	-	-	13	13	-	-	2	4
Ohio	-	-	8	18	-	-	4	5	-	-	1	-
Indiana	-	-	3	-	-	-	2	-	-	-	-	-
Illinois	-	-	6	6	-	-	5	4	-	-	-	4
Michigan	-	-	1	12	-	-	1	3	-	-	1	-
Wisconsin	-	-	3	3	-	-	1	1	-	-	-	-
WEST NORTH CENTRAL	-	1	4	15	-	1	3	9	-	-	1	6
Minnesota	-	-	1	8	-	-	1	6	-	-	1	-
Iowa	-	-	1	3	-	-	-	1	-	-	-	5
Missouri	-	1	-	3	-	1	-	2	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	1	-	-	-	-	-	-	-	1
Nebraska	-	-	2	-	-	-	2	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC	1	1	14	46	1	1	10	37	-	-	-	2
Delaware	-	-	2	-	-	-	1	-	-	-	-	-
Maryland	-	-	-	1	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-	-	-	-	1
West Virginia	-	-	2	3	-	-	1	3	-	-	-	-
North Carolina	1	-	4	14	1	-	3	14	-	-	-	-
South Carolina	-	-	1	2	-	-	1	2	-	-	-	-
Georgia	-	-	2	3	-	-	2	2	-	-	-	1
Florida	-	1	3	23	-	1	2	16	-	-	-	-
EAST SOUTH CENTRAL	1	3	16	12	1	3	4	11	-	-	-	-
Kentucky	-	-	14	6	-	-	2	5	-	-	-	-
Tennessee	1	1	1	1	1	1	1	1	-	-	-	-
Alabama	-	-	-	1	-	-	-	1	-	-	-	-
Mississippi	-	2	1	4	-	2	1	4	-	-	-	-
WEST SOUTH CENTRAL	6	4	26	31	4	3	15	23	2	1	2	1
Arkansas	-	-	1	-	-	-	-	-	-	-	1	-
Louisiana	-	2	6	8	-	2	4	7	-	-	-	-
Oklahoma	-	-	-	3	-	-	-	3	-	-	-	1
Texas	6	2	19	20	4	1	11	13	2	1	1	-
MOUNTAIN	1	2	18	16	-	-	10	8	-	-	1	-
Montana	-	2	1	6	-	-	1	3	-	-	-	-
Idaho	1	-	4	4	-	-	1	1	-	-	-	-
Wyoming	-	-	-	1	-	-	-	-	-	-	-	-
Colorado	-	-	3	1	-	-	3	1	-	-	-	-
New Mexico	-	-	1	1	-	-	-	-	-	-	-	-
Arizona	-	-	3	2	-	-	1	2	-	-	1	-
Utah	-	-	6	1	-	-	4	1	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	4	5	45	89	1	4	32	75	-	1	14	-
Washington	3	1	6	7	-	1	1	7	-	-	2	-
Oregon	-	-	3	12	-	-	1	8	-	-	-	-
California	1	4	34	68	1	3	28	58	-	1	12	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	2	2	-	-	2	2	-	-	-	-
Puerto Rico	-	9	3	116	-	9	3	113	-	-	-	-

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED MAY 21, 1960 AND MAY 20, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

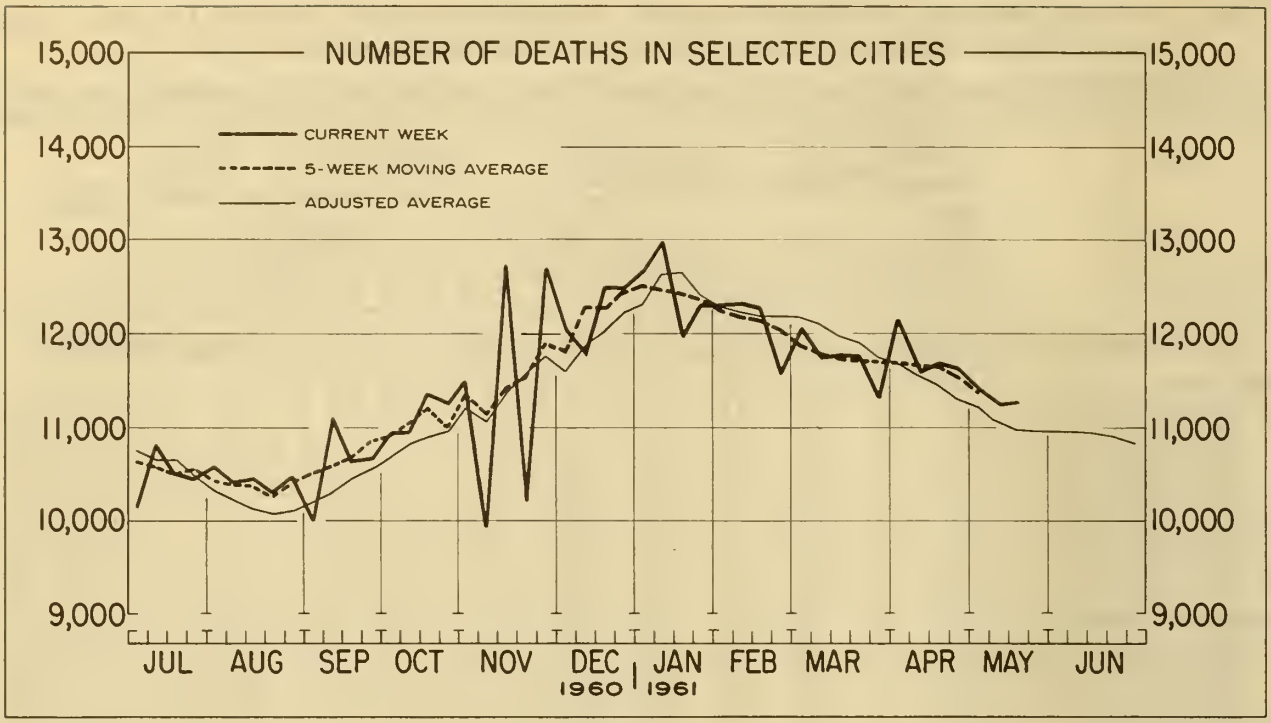
Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092,N998.5 pt.				Measles	
	20th Week		Cumulative, first 20 weeks		082		20th Week		Cumulative, first 20 weeks		085	
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES	4	6	268	296	31	38	1,535	930	35,334	15,773	17,162	19,186
NEW ENGLAND	1	-	4	8	3	-	47	23	942	487	1,875	2,423
Maine	-	-	-	2	-	-	10	1	59	35	72	123
New Hampshire	-	-	-	-	-	-	1	2	63	17	51	107
Vermont	-	-	-	-	-	-	-	-	115	8	37	170
Massachusetts	1	-	4	5	2	-	18	11	317	252	1,028	1,214
Rhode Island	-	-	-	1	1	-	8	3	130	80	226	142
Connecticut	-	-	-	-	-	-	10	6	258	95	461	667
MIDDLE ATLANTIC	1	-	13	8	6	5	217	118	5,140	1,614	3,534	2,394
New York	1	-	6	1	4	2	109	58	2,098	808	1,380	1,670
New Jersey	-	-	-	1	-	2	55	6	1,267	136	1,061	438
Pennsylvania	-	-	7	6	2	1	53	54	1,775	670	1,093	286
EAST NORTH CENTRAL	-	-	8	22	3	4	268	192	7,039	3,054	4,225	6,490
Ohio	-	-	1	14	-	1	84	63	2,577	966	474	641
Indiana	-	-	1	3	-	-	47	19	1,199	416	140	511
Illinois	-	-	5	2	-	-	35	47	1,104	641	435	1,209
Michigan	-	-	1	3	3	3	95	57	1,985	884	1,302	1,807
Wisconsin	-	-	-	-	-	-	7	6	174	147	1,874	2,322
WEST NORTH CENTRAL	-	-	19	16	2	1	158	54	3,643	1,318	607	433
Minnesota	-	-	8	5	-	-	21	9	801	133	42	217
Iowa	-	-	1	2	-	-	48	14	1,057	233	172	86
Missouri	-	-	-	2	-	1	45	14	822	476	221	11
North Dakota	-	-	2	1	-	-	2	3	75	100	140	101
South Dakota	-	-	6	5	-	-	-	-	118	113	3	2
Nebraska	-	-	2	-	-	-	16	10	354	123	29	16
Kansas	-	-	-	1	2	-	26	4	416	140	NN	NN
SOUTH ATLANTIC	1	4	52	64	1	7	174	127	4,277	1,875	1,609	1,026
Delaware	-	-	-	-	-	-	3	3	113	101	48	8
Maryland	-	-	1	1	1	4	16	18	389	188	226	143
District of Columbia	-	-	2	-	-	-	-	1	42	12	8	14
Virginia	1	-	10	8	-	-	28	14	591	379	396	374
West Virginia	-	-	1	2	-	-	41	61	956	375	372	265
North Carolina	-	-	6	2	-	1	35	8	960	132	112	73
South Carolina	-	-	1	15	-	-	10	3	258	36	111	50
Georgia	-	2	10	13	-	-	9	4	413	147	10	14
Florida	-	2	21	23	-	2	32	15	555	505	326	85
EAST SOUTH CENTRAL	-	-	9	36	1	2	218	109	5,691	2,431	1,147	1,242
Kentucky	-	-	3	1	-	-	55	35	1,645	986	298	353
Tennessee	-	-	2	5	-	-	90	41	2,363	775	691	645
Alabama	-	-	2	18	-	-	40	29	923	500	117	63
Mississippi	-	-	2	12	1	2	33	4	760	170	41	181
WEST SOUTH CENTRAL	1	2	153	113	3	1	171	75	2,551	1,280	888	1,794
Arkansas	-	1	2	2	1	-	22	-	527	53	106	6
Louisiana	-	-	14	26	-	-	29	4	230	43	-	3
Oklahoma	-	-	2	6	-	-	19	5	195	188	26	92
Texas	1	1	135	79	2	1	101	66	1,599	991	756	1,693
MOUNTAIN	-	-	7	28	-	-	74	55	2,269	1,299	681	1,074
Montana	-	-	2	2	-	-	4	4	222	54	56	140
Idaho	-	-	-	11	-	-	11	6	130	171	35	75
Wyoming	-	-	-	5	-	-	1	1	88	10	12	50
Colorado	-	-	4	2	-	-	33	21	785	447	152	396
New Mexico	-	-	-	3	-	-	4	4	274	204	NN	-
Arizona	-	-	-	2	-	-	11	12	312	276	329	211
Utah	-	-	-	3	-	-	10	7	385	118	92	192
Nevada	-	-	1	-	-	-	-	-	73	19	5	10
PACIFIC	-	-	3	1	12	18	208	177	3,782	2,415	2,596	2,310
Washington	-	-	-	-	1	-	22	15	494	276	420	573
Oregon	-	-	-	-	-	2	32	28	644	452	207	550
California	-	-	-	-	11	16	144	133	2,482	1,533	1,963	1,051
Alaska	-	-	3	1	-	-	7	-	132	115	3	72
Hawaii	-	-	-	-	-	-	3	1	30	39	3	64
Puerto Rico	-	4	31	82	-	-	12	11	327	372	18	35

NN-Not Notifiable

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED MAY 21, 1960 AND MAY 20, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria 110-117	Meningoccocal infections 057		Psitta-cosis 096.2	Strepto-coccal sore throat, etc. 050,051	Typhoid fever 040				Typhus fever, endemic 101	Rabies in animals	
						20th Week		Cumulative, first 20 weeks				
	1961	1961	1960	1961	1961	1961	1960	1961	1960	1961	1961	1960
UNITED STATES	3	38	50	2	5,977	16	14	208	202	1	68	57
NEW ENGLAND	-	2	2	-	490	-	1	6	4	-	-	-
Maine	-	-	1	-	14	-	1	1	1	-	-	-
New Hampshire	-	-	-	-	17	-	-	-	-	-	-	-
Vermont	-	-	-	-	6	-	-	-	-	-	-	-
Massachusetts	-	-	1	-	163	-	-	1	2	-	-	-
Rhode Island	-	1	-	-	56	-	-	1	-	-	-	-
Connecticut	-	1	-	-	234	-	-	3	1	-	-	-
MIDDLE ATLANTIC	1	9	9	-	648	3	1	21	10	-	1	10
New York	1	4	6	-	387	1	1	9	8	-	-	10
New Jersey	-	-	2	-	116	1	-	4	-	-	-	-
Pennsylvania	-	5	1	-	145	1	-	8	2	-	1	-
EAST NORTH CENTRAL	-	8	11	2	705	1	1	27	26	-	12	5
Ohio	-	-	2	-	170	-	-	7	3	-	1	-
Indiana	-	3	1	-	74	1	-	3	8	-	3	2
Illinois	-	3	4	-	70	-	1	15	6	-	4	-
Michigan	-	2	4	-	196	-	-	1	5	-	4	3
Wisconsin	-	-	-	2	195	-	-	1	4	-	-	-
WEST NORTH CENTRAL	-	-	6	-	199	-	1	17	12	1	20	15
Minnesota	-	-	1	-	12	-	-	5	1	-	3	3
Iowa	-	-	2	-	59	-	-	1	-	-	9	5
Missouri	-	-	1	-	38	-	1	8	9	-	2	6
North Dakota	-	-	-	-	47	-	-	-	-	-	-	-
South Dakota	-	-	-	-	2	-	-	1	1	-	4	-
Nebraska	-	-	2	-	2	-	-	-	1	-	2	1
Kansas	-	-	-	-	39	-	-	2	-	1	-	-
SOUTH ATLANTIC	-	5	12	-	474	1	1	32	25	-	5	6
Delaware	-	-	-	-	8	-	-	-	-	-	-	-
Maryland	-	1	1	-	30	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	2	1	-	3	1	-	-	-
Virginia	-	1	4	-	97	-	-	1	3	-	-	3
West Virginia	-	-	-	-	126	-	-	4	1	-	4	2
North Carolina	-	-	3	-	20	-	-	6	7	-	1	-
South Carolina	-	1	-	-	28	-	-	2	6	-	-	-
Georgia	-	1	-	-	-	-	1	12	2	-	-	-
Florida	-	1	4	-	163	-	-	4	5	-	-	1
EAST SOUTH CENTRAL	-	3	-	-	964	-	4	27	39	-	2	6
Kentucky	-	-	-	-	66	-	-	6	11	-	-	1
Tennessee	-	3	-	-	876	-	1	19	19	-	2	4
Alabama	-	-	-	-	7	-	2	2	6	-	-	1
Mississippi	-	-	-	-	15	-	1	-	3	-	-	-
WEST SOUTH CENTRAL	-	2	5	-	829	6	4	35	57	-	16	11
Arkansas	-	-	-	-	3	1	1	4	17	-	1	3
Louisiana	-	1	-	-	2	-	-	4	12	-	1	-
Oklahoma	-	1	-	-	42	1	-	4	5	-	-	-
Texas	-	-	5	-	782	4	3	23	23	-	14	8
MOUNTAIN	1	1	2	-	847	3	-	19	12	-	3	2
Montana	-	-	-	-	45	1	-	3	5	-	-	-
Idaho	-	-	-	-	85	-	-	-	-	-	-	-
Wyoming	-	-	-	-	44	-	-	1	1	-	-	-
Colorado	-	-	-	-	240	-	-	5	-	-	-	-
New Mexico	-	-	2	-	220	-	-	3	4	-	3	1
Arizona	1	-	-	-	153	2	-	4	2	-	-	1
Utah	-	-	-	-	57	-	-	2	-	-	-	-
Nevada	-	1	-	-	3	-	-	1	-	-	-	-
PACIFIC	1	8	3	-	821	2	1	24	17	-	9	2
Washington	-	1	-	-	308	-	-	2	1	-	-	-
Oregon	-	1	1	-	39	-	-	-	-	-	-	-
California	-	5	2	-	376	2	1	22	16	-	3	2
Alaska	-	-	-	-	94	-	-	-	-	-	6	-
Hawaii	1	1	-	-	4	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	8	16	-	-	-



The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. For each region the adjusted average was computed as follows: From the total deaths reported each week for the years 1956-1960, 3 central figures were selected by eliminating the highest and lowest figure reported for that week. A 5-week moving average of the arithmetic mean of the 3 central figures was then computed with adjustment to allow for population growth in each region. The average value of the regional increases was 2 percent which was incorporated in the adjusted average shown in the chart.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4.)

Area	20th week ended May 20, 1961	19th week ended May 13, 1961	Adjusted average, 20th week 1956-60	Percent change, adjusted average to current week	Cumulative, first 20 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES	11,283	11,262	10,984	+2.7	238,154	247,523	-3.8
New England (14 cities)	661	730	659	+0.3	14,659	15,624	-6.2
Middle Atlantic (20 cities)	3,212	3,111	3,053	+5.2	68,301	68,050	+0.4
East North Central (21 cities)	2,481	2,566	2,330	+6.5	50,634	53,133	-4.7
West North Central (9 cities)	826	742	792	+4.3	16,104	17,252	-6.7
South Atlantic (11 cities)	901	1,015	924	-2.5	20,561	21,703	-5.3
East South Central (8 cities)	532	496	491	+8.4	10,903	11,257	-3.1
West South Central (13 cities)	941	927	976	-3.6	20,380	21,862	-6.8
Mountain (8 cities)	369	330	350	+5.4	7,550	7,662	-1.5
Pacific (13 cities)	1,360*	1,345	1,409	-3.5	29,062	30,980	-6.2

*Includes estimate for missing reports.

Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	20th week ended May 20, 1961	19th week ended May 13, 1961	Cumulative, first 20 weeks 1961	Cumulative, first 20 weeks 1960
NEW ENGLAND:				
Boston, Mass.	227	235	5,020	5,452
Bridgeport, Conn.	29	36	776	904
Cambridge, Mass.	33	31	628	667
Fall River, Mass.	27	29	557	625
Hartford, Conn.	51	57	979	984
Lowell, Mass.	27	35	504	508
Lynn, Mass.	19	23	468	543
New Bedford, Mass.	24	19	543	546
New Haven, Conn.	53	58	971	952
Providence, R.I.	50	70	1,276	1,383
Somerville, Mass.	10	25	271	316
Springfield, Mass.	40	46	960	1,007
Waterbury, Conn.	24	25	569	576
Worcester, Mass.	47	41	1,137	1,161
MIDDLE ATLANTIC:				
Albany, N.Y.	41	62	965	924
Allentown, Pa.	47	32	717	755
Buffalo, N.Y.	147	154	3,005	3,079
Camden, N.J.	31	41	884	921
Elizabeth, N.J.	31	19	595	616
Erie, Pa.	37	32	798	809
Jersey City, N.J.	74	54	1,466	1,534
Newark, N.J.	87	92	2,138	2,051
New York City, N.Y.	1,627	1,580	35,079	34,567
Paterson, N.J.	42	45	793	829
Philadelphia, Pa.	516	518	10,728	10,485
Pittsburgh, Pa.	170	109	3,897	4,097
Reading, Pa.	16	25	441	502
Rochester, N.Y.	105	108	2,065	2,133
Schenectady, N.Y.	30	19	499	503
Scranton, Pa.	46	33	751	800
Syracuse, N.Y.	62	73	1,281	1,319
Trenton, N.J.	48	61	930	881
Utica, N.Y.	29	30	594	595
Yonkers, N.Y.	26	24	675	650
EAST NORTH CENTRAL:				
Akron, Ohio	53	60	1,146	1,175
Canton, Ohio	35	32	636	760
Chicago, Ill.	777	752	15,351	16,304
Cincinnati, Ohio	154	152	3,236	3,397
Cleveland, Ohio	179	211	4,244	4,568
Columbus, Ohio	134	108	2,363	2,568
Dayton, Ohio	93	86	1,678	1,495
Detroit, Mich.	347	351	6,866	7,325
Evansville, Ind.	37	41	762	802
Flint, Mich.	46	55	892	837
Fort Wayne, Ind.	40	34	807	775
Gary, Ind.	20	32	619	636
Grand Rapids, Mich.	45	48	920	876
Indianapolis, Ind.	138	140	3,000	3,124
Madison, Wis.	29	31	639	679
Milwaukee, Wis.	124	154	2,546	2,631
Peoria, Ill.	23	37	593	620
Rockford, Ill.	35	44	595	603
South Bend, Ind.	30	32	586	618
Toledo, Ohio	94	103	2,003	2,139
Youngstown, Ohio	48	63	1,152	1,201
WEST NORTH CENTRAL:				
Des Moines, Iowa	63	52	1,086	1,163
Duluth, Minn.	27	20	514	545
Kansas City, Kans.	35	37	784	731
Kansas City, Mo.	131	123	2,592	2,776
Lincoln, Nebr.	(30)	(24)	(569)	(529)
Minneapolis, Minn.	126	110	2,528	2,594
Omaha, Nebr.	70	59	1,422	1,596
WEST NORTH CENTRAL—Con.:				
St. Louis, Mo.	243	232	4,889	5,393
St. Paul, Minn.	74	62	1,364	1,498
Wichita, Kans.	57	47	925	956
SOUTH ATLANTIC:				
Atlanta, Ga.	106	132	2,375	2,502
Baltimore, Md.	216	259	5,156	5,533
Charlotte, N.C.	34	32	722	901
Jacksonville, Fla.	62	52	1,202	1,341
Miami, Fla.	64	77	1,541	1,585
Norfolk, Va.	57	45	1,044	915
Richmond, Va.	67	92	1,637	1,733
Savannah, Ga.	32	36	702	802
St. Petersburg, Fla.	(66)	(62)	(1,525)	(1,600)
Tampa, Fla.	61	50	1,391	1,439
Washington, D.C.	170	193	3,985	4,128
Wilmington, Del.	32	47	806	824
EAST SOUTH CENTRAL:				
Birmingham, Ala.	85	94	1,831	1,824
Chattanooga, Tenn.	58	33	1,014	1,004
Knoxville, Tenn.	32	24	572	605
Louisville, Ky.	88	140	2,321	2,393
Memphis, Tenn.	131	101	2,436	2,462
Mobile, Ala.	51	42	861	910
Montgomery, Ala.	40	19	660	759
Nashville, Tenn.	47	43	1,208	1,300
WEST SOUTH CENTRAL:				
Austin, Tex.	38	26	713	769
Baton Rouge, La.	17	32	608	633
Corpus Christi, Tex.	20	22	478	529
Dallas, Tex.	115	114	2,520	2,690
El Paso, Tex.	31	33	748	801
Fort Worth, Tex.	60	68	1,379	1,446
Houston, Tex.	153	131	3,407	3,593
Little Rock, Ark.	73	56	1,155	1,295
New Orleans, La.	154	183	3,452	3,912
Oklahoma City, Okla.	78	62	1,588	1,614
San Antonio, Tex.	108	90	2,123	2,225
Shreveport, La.	36	53	1,073	1,133
Tulsa, Okla.	58	57	1,136	1,222
MOUNTAIN:				
Albuquerque, N. Mex.	27	35	637	634
Colorado Springs, Colo.	15	14	335	362
Denver, Colo.	106	111	2,354	2,501
Ogden, Utah	21	21	323	352
Phoenix, Ariz.	75	71	1,729	1,702
Pueblo, Colo.	17	16	339	312
Salt Lake City, Utah	62	37	1,011	1,017
Tucson, Ariz.	46	25	822	782
PACIFIC:				
Berkeley, Calif.	16	20	343	367
Fresno, Calif.	(42)	(32)	(883)	(995)
Glendale, Calif.	(27)	(37)	(679)	(835)
Honolulu, Hawaii	38	40	816	867
Long Beach, Calif.	51	56	1,195	1,164
Los Angeles, Calif.	448	476	10,366	11,248
Oakland, Calif.	84	93	1,943	2,034
Pasadena, Calif.	33*	31	668	734
Portland, Oreg.	124	88	2,142	2,295
Sacramento, Calif.	64	51	1,252	1,229
San Diego, Calif.	95	117	1,836	1,959
San Francisco, Calif.	207	167	4,096	4,227
San Jose, Calif.	(32)	(40)	(727)	(676)
Seattle, Wash.	104	129	2,668	2,967
Spokane, Wash.	57	44	924	972
Tacoma, Wash.	39*	33	813	917
San Juan, P. R.	(47)	(46)	(723)	(705)

*Estimate - based on average percentage of divisional total.

() Figures shown in parenthesis are from cities which have been reporting less than five years and hence are not included in Table 3.

3 1262 08864 0106

INTERNATIONAL NOTES

Influenza – An influenza epidemic has been reported since the beginning of April in Seoul, Republic of Korea, and the surrounding areas. The results of serological (hemagglutination inhibition) tests indicate that it is due to a B virus (WHO, Weekly Epidemiological Record, No. 19, May 12, 1961).

Meningococcal Meningitis – The WHO telegraphic report originating in Geneva, dated 5/21/61, reports that Sudanese authorities have taken severe measures to arrest a serious cerebro-spinal meningitis epidemic which is spreading throughout the country. Precautions taken to reduce person to person transmission include closing schools, private institutions, theaters, public eating establishments, sports events, etc. Current hot weather seems to favor spread of the disease and increases mortality. No statistics are available on the number of cases involved.

HEPATITIS CASES BY AGE*
WEEK ENDING MAY 20, 1961

State or Area	Under 20 Years	20 Years and Over	Age Unspecified	Total
Maine	3	7	–	10
Vermont	–	–	–	0
Massachusetts	8	10	–	18
Rhode Island	2	6	–	8
Connecticut	5	5	–	10
Upstate New York	30	37	3	70
New York City	11	28	–	39
New Jersey	15	40	–	55
Pennsylvania	35	18	–	53
Indiana	26	16	5	47
Illinois	19	10	6	35
Michigan	27	19	49	95
Minnesota	11	8	2	21
Iowa	35	10	3	48
Missouri	31	14	–	45
North Dakota	–	2	–	2
South Dakota	–	–	–	0
Nebraska	6	1	9	16
Kansas	16	10	–	26
Maryland	12	4	–	16
District of Columbia	–	–	–	0
Virginia	18	10	–	28
West Virginia	27	12	2	41
North Carolina	31	4	–	35
South Carolina	4	2	4	10
Georgia	5	4	–	9
Florida	15	17	–	32
Kentucky	50	2	3	55
Tennessee	69	19	2	90
Alabama	31	9	–	40
Arkansas	12	10	–	22
Louisiana	19	10	–	29
Oklahoma	15	4	–	19
Texas	60	33	8	101
Montana	–	2	2	4
New Mexico	3	1	–	4
Utah	7	3	–	10
Nevada	–	–	–	0
Washington	3	13	6	22
Oregon	17	14	1	32
Alaska	2	1	4	7
Hawaii	–	3	–	3

* States not reporting age classification are not listed.

NOTICE

Due to observance of Memorial Day on May 30, the report for the week ending May 27 (Vol. 10, No. 21) will be mailed on Friday, June 2, rather than Thursday, June 1.

FOR SOURCE AND NATURE OF MORBIDITY DATA SEE LAST WEEK'S MORBIDITY AND MORTALITY WEEKLY REPORT

UNIV. OF FL LIB.
DOCUMENTS DEPT.
U.S. DEPOSITORY

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Communicable Disease Center
Atlanta 22, Georgia
Official Business

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF H.E.W.
US AIR MAIL